

TESTING & SERVICE ENGINEERS

M. H. MONTGOMERY, P.E.

1152 Richards St.
Salt Lake City, Utah 84101

December 28, 1976

Division of Oil, Gas & Mining
Utah State Government
State Capitol Building
Salt Lake City, Utah 84114

Subject: Dam at Shooting, Utah

Attention: Bryan Buck

Gentlemen:

We have talked with Jerry Clark of Hydro Jet today and he suggests that for expediting, a copy of a letter written December 27 be hand carried to you for your comments.

We have been working with Dr. Joe Olsen in connection with this project and it appears, based on his analysis, that only one stability analysis is required. There was some question regarding Item 7 of the Recommendations you submitted to Hydro Jet, where you requested that the factor of safety be calculated based on four different failure modes. Please review the letter and address your answer to Testing & Service Engineers at 1152 South Richards Street, with a carbon copy to Caldwell, Richards & Sorensen, Inc. at 26 South State Street, Suite 300.

We are at the present time making a permeability test on the bentonite submitted to us, and find that based on a conversation with Pittsburg Testing Laboratory, who is running the test, the bentonite is quite impervious. Hydro Jet Services Inc. is now stockpiling the bentonite material for facing the dam, and we request your comments at the earliest possible date.

Sincerely,

TESTING & SERVICE ENGINEERS

M. H. Montgomery
M. H. Montgomery, P.E.

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Enclosure

